



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 8.05Y

08/15/2011

Updates from previous versions:

New Features:

1. Added new SubCool sensor type. This is a virtual sensor (similar to enthalpy). The 'Temp./GPM/CFM/Pwr Factor SI' cell will point to the liquid temperature sensor and the 'Humd./PSI/Temp. Diff./Enthal. Diff.' cell will point to the liquid pressure. The temperature will be subtracted from the converted liquid pressure to temperature value. This will only be used informational purposes.
2. TurboCor compressors only: Added new Compressor Control Status field in the Circuit SI screen. This field is going to be used to determine the compressors Modbus control status.
3. Set TurboCor logic to disable a compressor when it is in any of the following states: "TURBO LOCKED OUT", "TURBO SYS RESETTING", "TURBO DEMAND OPEN INTERLOCK", or "TURBO HOLD HI INV TMP". The startup of the compressor will be delayed for 15 seconds when the control is in reset mode after a safety trip.
4. Added new function to display negative values on the Magnum Keypad.
5. Added a new method for selecting the control superheat value for common suction circuits. If the 'SEC to Ignore Safety' of setpoint #10 "SPRHT ZONE + -" is not zero, then use the lowest superheat of any running compressor within the same suction group. If zero, then the first circuit's superheat will be used to control.

Bug Fixes:

1. Corrected the problem with the alarm popup in the graphics screens of MCS-Connect.

Any questions regarding this release, contact:

support@mcscontrols.com

Micro Control Systems, Inc. 5580 Enterprise Parkway Fort Myers, Florida 33905
(239)694-0089 FAX: (239)694-0031 www.mcscontrols.com

Information contained in this document has been prepared by Micro Control Systems, Inc. and is copyright © protected 2012. Copying or distributing this document is prohibited unless expressly approved by MCS.